

# APPENDIX B

## AIRCRAFT PERFORMANCE REVISIONS\*

The following information reflects the more important changes in estimated aircraft performance characteristics from those provided in Appendix B to the Air Threat Study dated 17 January 1963.

1. Change FRESCO A and B maximum knots at sea level (intercept mission and ground attack) from 570 to 590. Change FRESCO C maximum knots at sea level (intercept mission and ground attack) from 570 to 605. Change FRESCO D maximum knots at sea level (intercept mission) from 570 to 605.

2. Change FARMER A, C, and D maximum knots at sea level (ground attack) from 570 to 650.

3. Change BEAGLE information as follows:

<u>Bomb Wt. lbs.</u>	<u>All-up Wt. lbs.</u>	<u>Maximum Kts</u>		<u>Combat Radius N.M.</u>		
		<u>Old</u>	<u>New</u>	<u>Old</u>	-	<u>New</u>
6,600	51,000	425	480	600	-	550
4,400	48,800	430	480	610	-	560
2,200	46,600	435	485	620	-	570
2,200	40,500	445	490	400	-	310

4. Change BADGER information as follows (assuming a 10,000 lb. bomb load):

<u>Fuel Wt. lbs.</u>		<u>All-up Wt. lbs.</u>	<u>Max. Kts.</u>		<u>Cruise Kts.</u>		<u>Combat Radius N.M.</u>	
<u>Old</u>	<u>New</u>		<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>
75,500-71,400		170,000-167,000	490	540	465	445	1,700	1,450

Also, delete the statement that the BADGER can carry a maximum bomb load of 22,000 lbs. with a reduced radius of 1,300 n.m.

\* These changes revise certain portions of old Appendix B.

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GROUP 1

Excluded from automatic  
downgrading and  
declassification

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5. Change CRATE information as follows:

<u>Fuel Wt. lbs.</u>		<u>Freight lbs.</u>		<u>Range N.M.</u>	
<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>
5,500	5,550	4,600	4,750	1,400	No change
1,600	2,300	8,500	8,100	400	500

6. Change COOT information as follows:

<u>Fuel Wt. lbs.</u>		<u>Freight lbs.</u>		<u>Range N.M.</u>	
<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>
40,200	No change	22,000	23,000	2,500	2,480
31,200	32,400	31,000	30,800	1,600	1,840

7. Change COLT information as follows:

<u>Freight lbs.</u>		<u>All-up Wt. lbs.</u>		<u>Range N.M.</u>	
<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>
2,700	3,000	11,500	12,700	485	855

Delete second line item on the COLT in its entirety.

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